AMENDMENTS TO THE CLAIMS

Claim 1. (Currently Amended)

A character display device to display one or more characters without modification, comprising:

a recording means recording ~~a~~ dot ~~patterns~~ pattern and ~~a~~ proximal reference ~~points~~ point of each character of a character series;

a coordinate calculation means obtaining said proximal reference point of each character of said character series from said recording means and calculating a display position of each character from a display angle, display reference position, ~~and~~ said proximal reference point and a proximal reference point of said character series; and

a display means obtaining ~~a~~ said dot pattern for each character of said character series from said recording means and displaying each character based on ~~a~~ said calculated display position of each character calculated by said coordinate calculation means.

Claim 2. (Original)

A character display device according to claim 1, wherein, when said recording means records dot patterns and proximal reference points of sloping characters which slope at an arbitrary angle apart from normal non-sloping characters, said display means and said coordinate calculation means select a

normal character or a sloping character depending on a display angle of said character series and obtain dot patterns and proximal reference points of said selected characters.

Claim 3. (Currently Amended)

A character display device according to claim 1 2, wherein said display means and said coordinate calculation means compare an angle of slope of a normal and a sloping character with said a display angle of said a character series and select a normal character or a sloping character having an angle of slope most approximating said display angle.

Claim 4. (Currently Amended)

A character display device according to claim 1, further comprising an input means allowing input of said a character series to be displayed, and said a display angle and said display reference position of said character series.

Claim 5. (Currently Amended)

A character display device according to claim 1, further comprising a reading means reading said a character series to be displayed being recorded in a memory, and said a display angle and said display reference position of said character series.

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Claim 6. (Currently Amended)

A method of character display to display one or more characters without modification, comprising the steps of:

obtaining a proximal reference point of each character of a character series;

calculating, through a coordinate calculation means, a display position of each character from a display angle, display reference position, and said proximal reference point and a proximal reference point of said character series;

obtaining a dot pattern for each character of said character series; and

displaying each character based on said calculated display position of each character calculated by said coordinate calculation means.

Claim 7. (Original)

A character display method according to claim 6, further comprising the step of selecting a normal character or a sloping character depending on a display angle of said character series and obtaining dot patterns and proximal reference points of said selected characters, when said recording means records dot patterns and proximal reference points of sloping characters which slope at an arbitrary angle apart from normal non-sloping characters.

Claim 8. (Original)

A character display method according to claim 7, further comprising the steps of:

comparing an angle of slope of a normal and a sloping character with a display angle of a character series; and

selecting a normal character or a sloping character having an angle of slope most approximating said display angle.

Claim 9. (Original)

A character display method according to claim 6, further comprising the step of inputting a character series to be displayed, and a display angle and display reference position of said character series.

Claim 10. (Original)

A character display method according to claim 6, further comprising the step of reading a character series to be displayed being recorded in a memory, and a display angle and display reference position of said character series.

Claim 11. (Currently Amended)

An apparatus which displays one or more characters of a character string in a desired position on a display device without modification, comprising:

a data input section in which character display data is provided by a user;

a character recorder which records a dot ~~patterns~~ pattern and a proximal reference ~~points~~ point of each character;

a character display calculator that ~~obtains a~~ obtain said proximal reference point for each character and calculates ~~the~~ display coordinates of said ~~each~~ dot pattern of each character based on the character display data; and

a display control that controls ~~the~~ a positional display of each character based on the calculated display coordinates.

Claim 12. (Previously Presented)

The apparatus of claim 11, wherein the character display data includes the characters to be displayed, an angle of display and a position of display.

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Claim 13. (Currently Amended)

A method for displaying one or more characters of a character string in a desired position on a display device without modification, comprising the steps of:

inputting character display data;

recording a dot ~~patterns~~ pattern and a proximal reference ~~points~~ point of each character of said ~~a~~ character string;

obtaining said ~~a~~ proximal reference point for each character;

calculating ~~the~~ display coordinates of ~~each~~ said dot pattern of each character based on the proximal reference points and the character display data; and

displaying each character based on the calculated display coordinates.

Claim 14. (Previously Presented)

The method of claim 13, wherein the character display data includes the characters to be displayed, an angle of display and a position of display.

Claim 15. (Currently Amended)

An apparatus which displays one or more characters of a character string in a desired position on a display device, comprising:

a data input section in which character display data is provided by a user;

a character recorder which records ~~a~~ dot ~~patterns~~ pattern and ~~a~~ proximal reference ~~points~~ point of each character;

a character display calculator that obtains ~~a~~ said proximal reference point for each character and calculates ~~the~~ display coordinates of ~~each~~ said dot pattern of each character based on the character display data; and

a display control that controls ~~a~~ ~~the positional~~ display position of each character based on the calculated display coordinates;

wherein ~~the~~ dimensions of each character are maintained upon displaying each character at said ~~calculated~~ display position.

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